

FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☐

Location Map Pinned ☐

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief ☐

Copy NID to Field Office ☒

Approval Letter ☒

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 8-17-77

Location Inspected ☐

OW ☐ WW ☐ TA ☐

Bond released ☐

GW ☐ OS ☐ PA ☒

State of Fee Land ☐

LOGS FILED

Driller's Log ☒

Electric Logs (No.) ☐

E ☐ I ☐ E-I ☐ GR ☐ GR-N ☐ Micro ☐

Lat ☐ Mi-L ☐ Sonic ☐ Others ☐

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 29634
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Energy Reserves Group, Inc. & M. & T., Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 3280, Casper, WY 82602		8. FARM OR LEASE NAME USA Sunburst
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 660' FWL (SW SW) At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 + Miles SW of Moab, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 640	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14-T26S-R19E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA	19. PROPOSED DEPTH 8000'	12. COUNTY OR PARISH Grand
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GRD 6109'		13. STATE Utah
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* May 15, 1977

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350' +	350 SX.
12-1/4"	9-5/8"	36#	4000' +	500 SX.
8-3/4"	5-1/2"	15.50# & 17.0#	8000' +	350 SX.

Approval letter - Drilling Dept, Gas Mining - Utah
Energy Reserves Group, Inc., proposes to drill the above described well with rotary tools from surface to T.D.. All important shows will either be drill-stem tested or tested through casing and one core may be cut. After setting 13-3/8" surface pipe, it is planned to drill with air and/or aerated water to the top of the salt and set 9-5/8" intermediate casing. An 8-3/4" hole will be drilled w/a saturated salt mud to T.D. with the option of running 7" casing if abnormal pressures or lost circulation is encountered.

Copies of all logs run will be furnished upon completion of the well along with DST charts. Estimated Tops are shown on the attachment.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED H. B. Barnes TITLE Dist. Prod. Engr. - RMD DATE 4-20-77

(This space for Federal or State office use.)

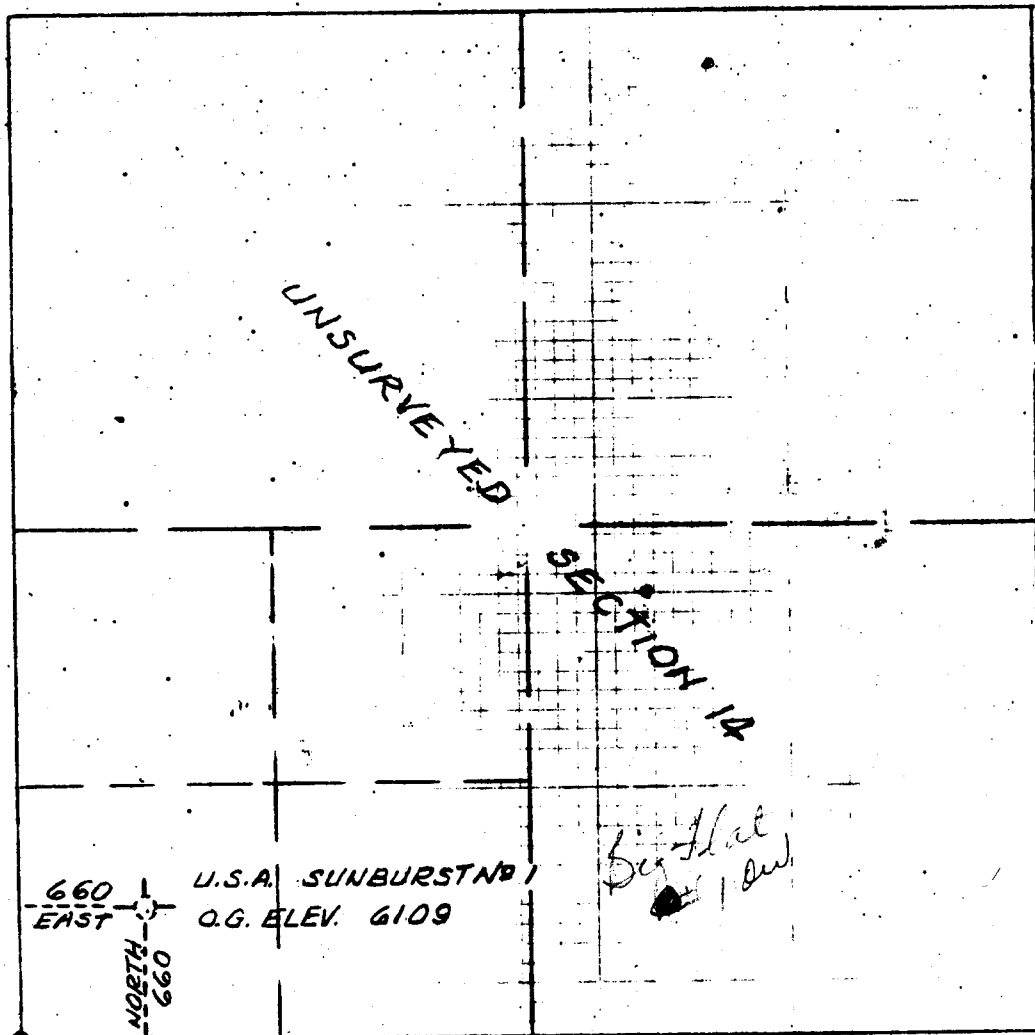
PERMIT NO. 43-019-30357 APPROVAL DATE _____

APPROVED (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE MAY 27 1977

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION PLAT

R 19 E



T
26
S

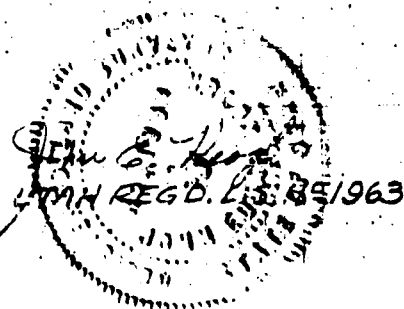
BEARING FROM W. LINE, NW 1/4, SEC. 22 (N 0° 02' W)

EAST
5280'
16/15
21/22
FD. B.C.
T26S, R19E

SET 5/8" REBAR

WELL LOCATION PLAT OF
U.S.A. SUNBURST NO 1
IN SW 1/4, SW 1/4, SEC. 14, T26S, R19E, SLB&M.
GRAND COUNTY, UTAH
FOR: ENERGY RESERVE GROUP, INC.
SCALE: 1"=1000' APRIL 14, 1977
DISTANCE METER SURVEY

21+22
FD. B.C. 1/4 COR.



ELEV. BY VERT. ANGLES FROM THE KNOLL (6316)
U.S.G.S. TOPO. QUAD. "THE KNOLL, UTAH", 1952

Attachment to Form 9-331 C

1. The surface formation is the Navajo.
2. The estimated tops of the important geologic markers in this well are as follows:

Chinle	425'	Paradox	4150'
Moenkopi	800'	Molas	7340'
Cutler	1950'	Leadville	7520'
Hermosa	2550'	T.D.	8000'
3. The following zones could be oil productive:
Paradox, Molas and Leadville.
4. The proposed casing program is as follows:
Set 13-3/8" O.D., 48# H-40 new casing at 350' + and cement back to surface w/350 sx. cement.
Set 9-5/8" O.D., 36#, K-55, new casing at 3,950' + and cement w/650 sx. cement. (est. cmt. top at 1950' +).
Set 5-1/2" O.D., 15.5# & 17.0#, K-55, ST&C & LT&C, new casing at 8000' + and cement w/350 sx. cement (est. cmt. top at 6800' +).
5. Pressure control equipment to consist of:
13-3/8" - 1500 series "GK" Hydril H₂S trimmed;
12" 900 series Shafer Type B Double Ram - hydraulically controlled; 3" X 2" - 1500 series choke manifold - H₂S trimmed w/hydraulic master control valve on choke line; 100-gallon, five station closing unit w/rig floor remote control. See Attachment #1.
6. Drill hole for surface casing with gel-lime slurry. Drill from under surface to 4,000' + (top of salt) with air, air mist and aerated water to intermediate casing setting depth. Drill from under intermediate casing with a saturated salt mud. Sufficient weighting material will be used to hold back high pressure, low volume shale sections that are interbedded with salt. Adequate gel and barite, normally 500 sx. of gel and 1,000 - 2,000 sx. of barite, will be kept on location at all times.
7. Auxiliary equipment to consist of:
Kelly cock stop for drill pipe; a float at the bit; full opening floor valve to stab into drill pipe and pit volume monitoring equipment. There will be a two-man logging unit to monitor sample cuttings from the base of the surface casing to T.D..
8. There will possibly be one 60' core and two drill-stem tests if shows are encountered. Logs to be run include the following:
DIL-GR; CNL-Density w/GR; CND-GR; possibly a dipmeter.

ENERGY RESERVES GROUP, INC. AND M. & T., INC.
USA Sunburst #1

Attachment to Form 9-331 C - Continued

9. Abnormal pressures may be encountered in the Paradox Salt section. As stated in Item (6) above, an adequate supply of weighting material will be kept on hand to provide for such contingencies.
10. It is planned to commence drilling operations soon after regulatory approval has been received depending upon rig availability. Hopefully, by May 15, 1977. It is estimated it will take 40-days to drill, test and log this well.

NTL-6

1. Existing Roads -

- A. See attachment #2
- B. Go North of Moab, Utah on Rt. 163, nine miles to Dead Horse Point State Park sign, turn West.
- C. See attachment #3
- D. See attachment #3
- E. Not applicable - Exploratory Well.
- F. Existing roads are in good condition. No improvements or maintenance required.

2. Planned Access Roads -

It will only be necessary to 'construct' about 500 feet of access road. The only construction required will be to establish a route across the field from the trail North of the location, to the location.

- 1 - Width of driving area will be limited to 16'±.
- 2 - Maximum grade - 2%±
- 3 - None required
- 4 - None required
- 5 - None required
- 6 - None required - dirt.
- 7 - None required
- 8 - Path of proposed road is staked with three stakes flagged with red surveyors tape.

3. Location of Existing Wells -

2 - There is only one plugged well evident on the surface within a two-mile radius of the proposed well location. It is the Big Flat Unit #3 located in Sec.12-T26S-R19E and was drilled in July 1954. The records indicate there were other wells drilled in the vicinity of the proposed well as follows: (See attachment #4) all in T26S-R19E, Grand County, Utah.

Ruby	#1 Unit	SENWNW	Sec.11	Drilled in 1951
King	#2 Ruby	SWSE	Sec.11	Drilled in 1955
Pure Oil	#2 BFU	SWNE	Sec.14	Drilled in 1958 or 1962
Pure Oil	#1 BFU	SWSE	Sec.14	Drilled in 1957
Pure Oil	#3 BFU	NENE	Sec.23	Drilled in 1960

4. Location of Existing and/or Proposed Facilities -

A. None

- B. (1) Done on the ground (see attachment #5)
- (2) 100' E-W by 150' N-S
- (3) Area will be leveled, gravel pad installed for vessels and lines buried where feasible.
- (4) Entire tank battery site will be fenced.

C. Area around proposed facilities not actually required will be leveled and restored to as near the pre-disturbed condition as possible.

5. Location and Type of Water Supply -

- A. There is no water in the immediate area. A limited supply of fresh water exists from a well in the Seven Mile Canyon, about 12 miles North of the proposed location, along the black-top road on the way to the location. The only other fresh water available is from the Colorado River. Brine water in the required amount is available from the so called Moab Brine Well.
- B. Water will be transported from the source to the well location by trucks using the aforementioned access roads 1 - C on Attachment #3.
- C. Not planning to drill a water well.

6. Source of Construction Materials -
None Required

7. Methods for Handling Waste Disposal -

- 1, 2 & 3 A reserve pit (100' X 100') should be adequate to contain the cuttings and drilling fluid from the well. Also, any produced fluids while testing.
4. A portable restroom facility will be installed on the location during drilling operations.
5. A deep trash pit will be dug to contain garbage and other waste material which accumulates during drilling operations. It will be covered at the completion of drilling operations.
6. After drilling operations are completed the area will be policed up and debris placed in trash pit prior to covering it. The reserve pit will be fenced (if required by the presence of live stock and/or abundant wild life) so that it can dry up and be covered as soon as possible.

8. Ancillary Facilities -
None are required.

9. Well Site Layout -

1. See Attachment #6
2. See Attachment #7
3. See Attachment #7
4. It is not planned to line the pit.

10. Plans for Restoration of Surface -

1. After drilling and completion operations are completed, the reserve pit will be allowed to dry up. If there is any oil on it, it will be removed. After the pit is dried up, the entire disturbed area will be covered over and leveled to conform to the surrounding terrain.
2. Re-seeding will be done (if required) as per BLM requirements.
5. Every effort will be made to completely rehabilitate disturbed area before bad weather sets in in the fall.

11. Other Information -

1. The drill site is in a field of sandy soil with sparse native grasses.
2. The surface is administered by the BLM. Some sheep and cattle grazing takes place at certain times of the year.

11. Other Information - Continued

3. There is no water in the area. There are no occupied dwellings in the area.

12. Lessee's or Operators Representative -

Mr. Roscoe C. Gillespie is the Operations Superintendent of Drilling, who will represent Energy Reserves Group, Inc. during the drilling and clean up operations in connection with this well. He lives in Casper, Wyoming. His address and phone numbers are as follows:

Home - 2675 East 7th - Phone (307) 234-9835
Office - - Phone (307) 265-7331

13. Certification -

See Attached Certificate

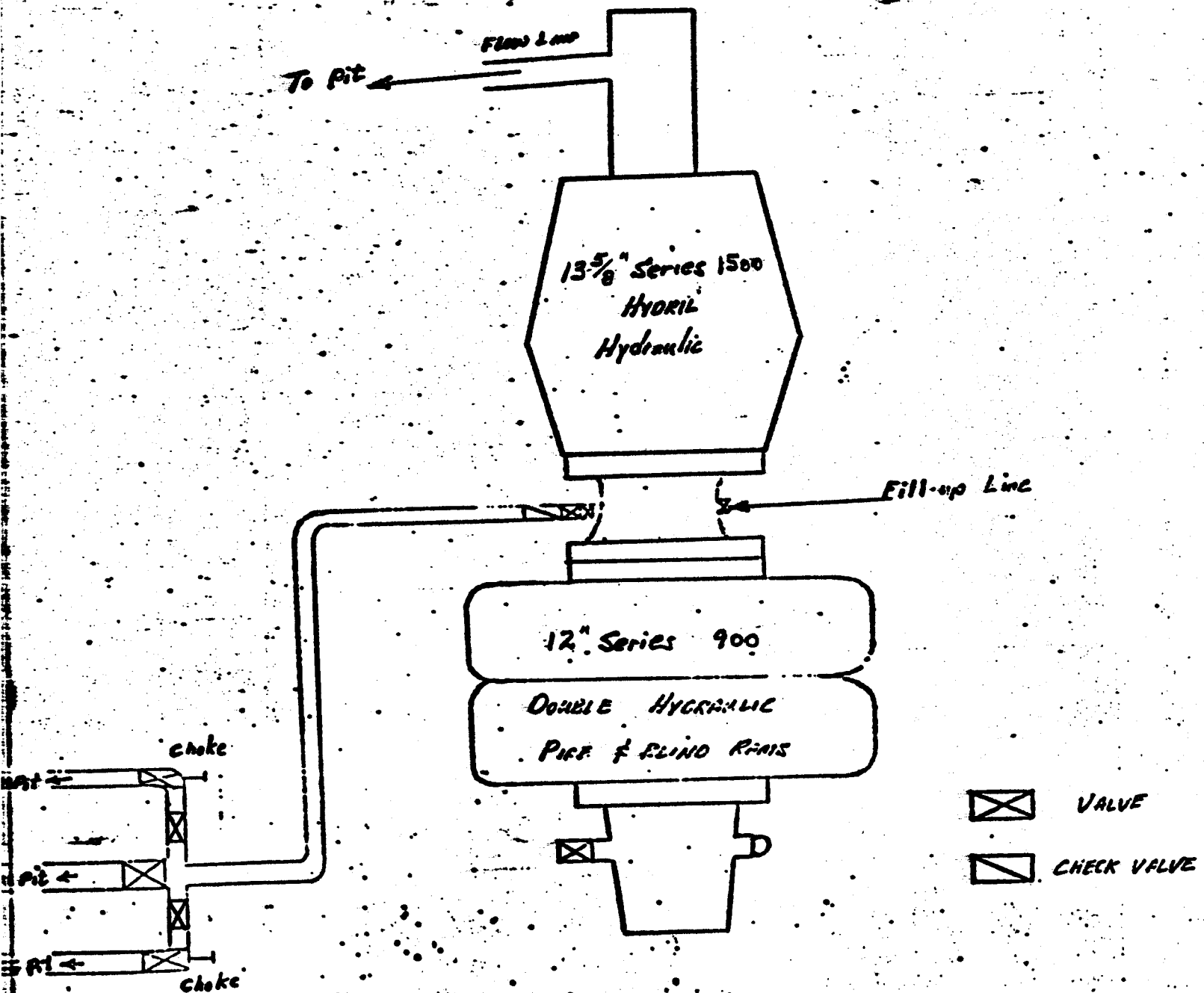
CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by _____

Canyonlands Contracting Co. Inc.
and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/21/77
Date

Lescoe C. Gillispie - Drilling Supt.
Name and Title



WELL LOCATION PLAT

ERG, I. & M. & T., I.
USA Sunburst #1
Attachment #2

R 19 E

UNSURVEYED

SECTION 14

T
26
S

BEARING FROM W. LINE, NW 1/4, SEC. 22 (N 0° 02' W)

660 U.S.A. SUNBURST NO 1
EAST O.G. ELEV. 6109
660
NORTH

EAST
5280'

16/15
21/22

FD. B.C.

T26S, R19E

SET 5/8" REBAR

21+22

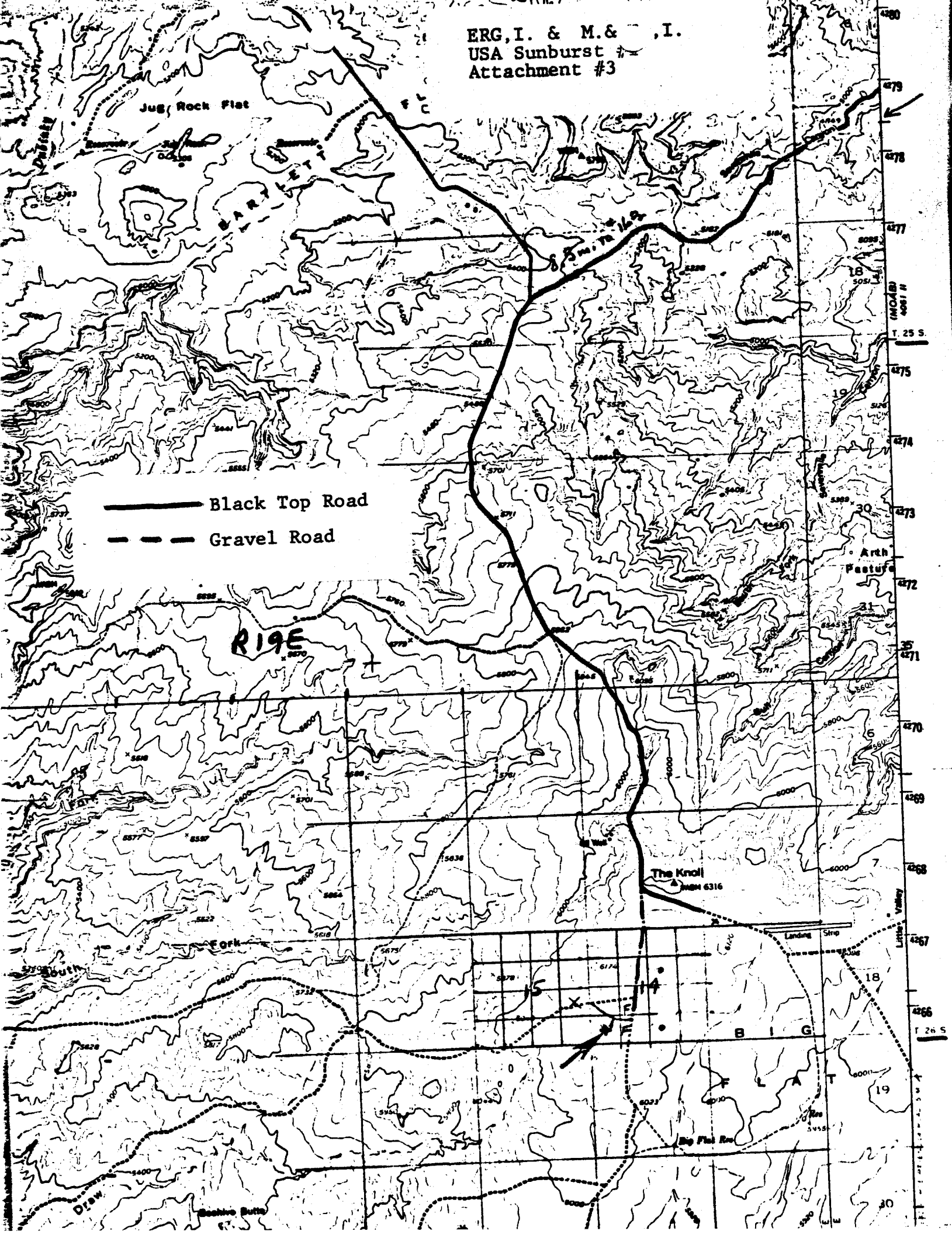
FD. B.C. 1/4 COR.

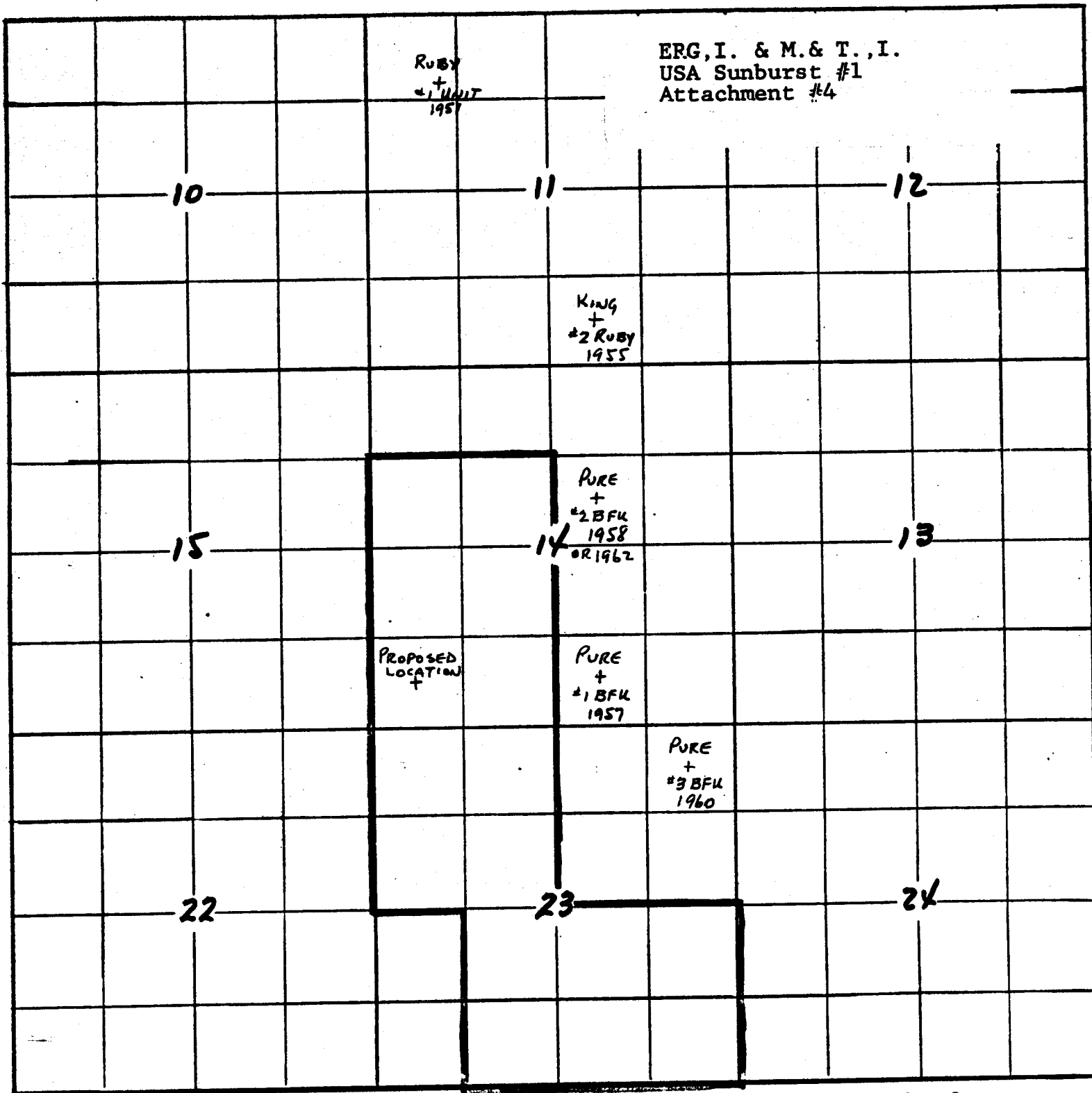
WELL LOCATION PLAT OF
U.S.A. SUNBURST NO 1
IN SW 1/4, SW 1/4, SEC. 14, T26S, R19E, SLEBMT.
GRAND COUNTY, UTAH
FOR: ENERGY RESERVE GROUP, INC.
SCALE: 1"=1000' APRIL 14, 1977
DISTANCE METER SURVEY

UTAH REGD. L.S. NO 1963

ELEV. BY VERT. ANGLES FROM THE KNOLL (6316)
U.S.G.S. TOPO. QUAD. "THE KNOLL, UTAH", 1952

ERG, I. & M. & I.
USA Sunburst
Attachment #3





ERG, I. & M. & T., I.
USA Sunburst #1
Attachment #5

NORTH



TANK
BATTERY
SITE

150'

100'

RESERVE
PIT

100'

100'

100'

100'

WELL
LOCATION

DRILL SITE LOCATION

155'

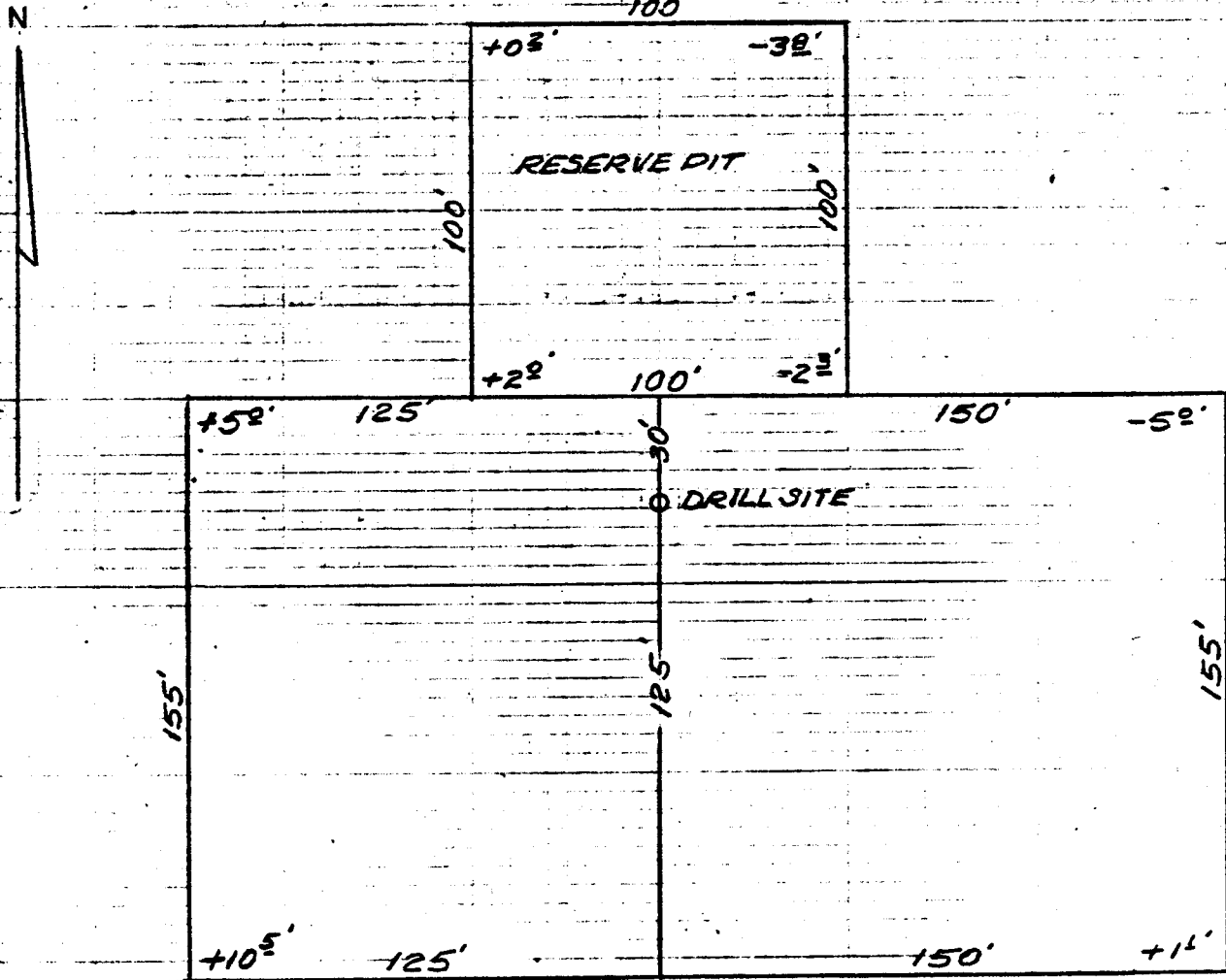
275'

ACCESS
ROAD

NOT TO SCALE

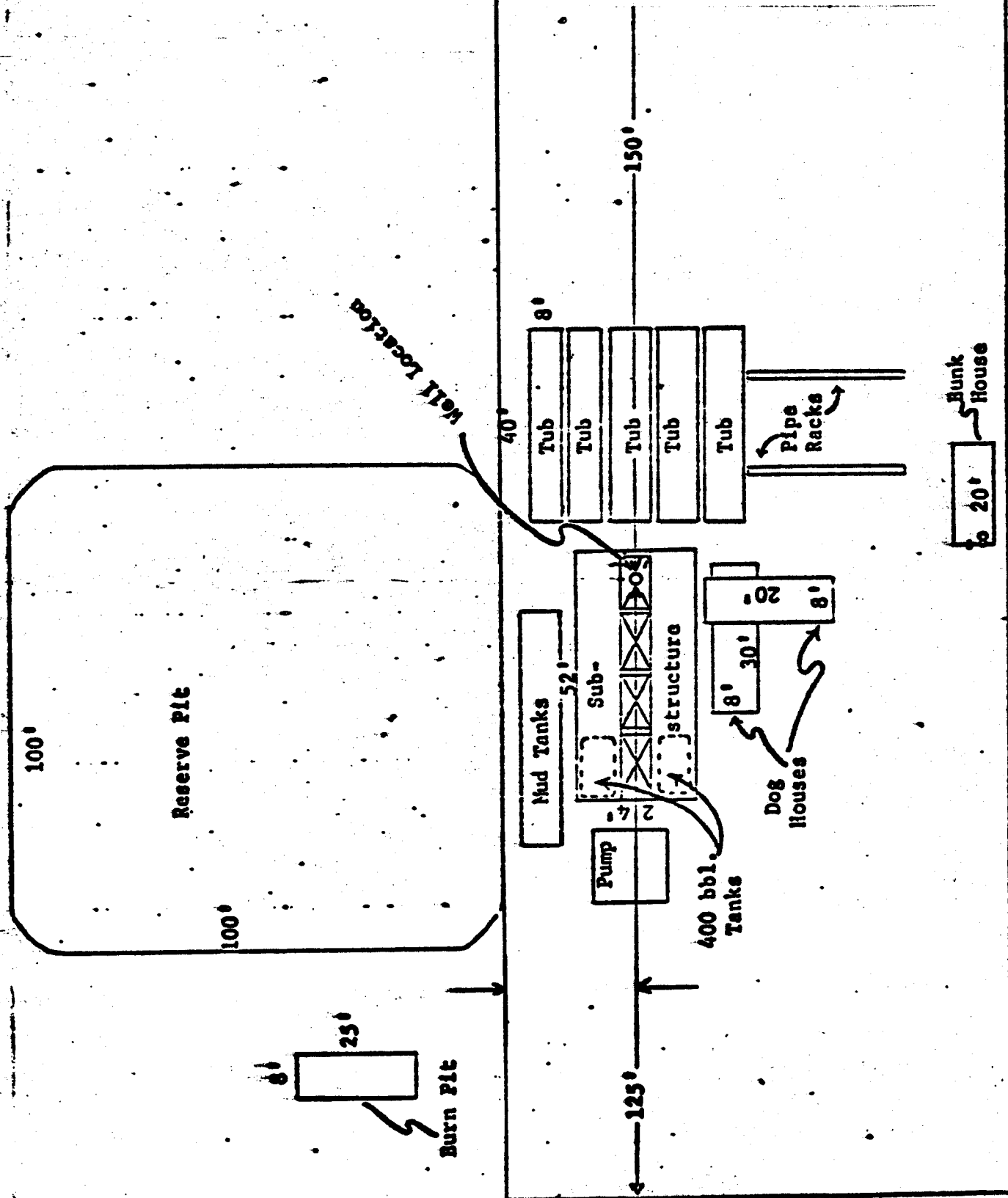
ENERGY RESERVE GROUP, INC.
U.S.A. SUNBURST N°1
660 FS & 660 FW SEC 14-26S.19E
GRAND COUNTY, UTAH

ERG, I. & M. & T., I.
USA Sunburst #1
Attachment #6



APRIL 14, 1977
1" = 50'
STADIA SURVEY
J.E. KEOGH, UT. L.S. N°1963

ERG, I. & M. & T., I.
USA Sunburst #1
Attachment #7



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 13-
Operator: Energy Resources
Well No: Sunburst #1
Location: Sec. 14 T. 26S R. 19E County: Grand

File Prepared ☒
Card Indexed ☒

API No. ✓
Entered on N.I.D. ☒
Completion Sheet ☒

CHECKED BY:

Administrative Assistant JW

Remarks: OK - Big Flat #1 in SE 1/4, fit to drill

Petroleum Engineer

Remarks:

Director

Remarks:

OK But I don't feel
we should classify this
as wild cat. Re: well
is only 1/2 mile
from res. OK

INCLUDE WITHIN APPROVAL LETTER:

Bond Required ☒

Survey Plat Required ☐

Order No. ☐

Surface Casing Change ☐
to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☒

O.K. In ☐ Unit ☐

Other:

☒ Letter Written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 29634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Sunburst

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Big Flat St.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 14-T26S-R19E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3280, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

660' FSL & 660' FWL (SW SW)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GS, etc.)

Grd 6109'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Change Operator Name

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change name of operator. Shown on original Application for Permit to Drill as, "Energy Reserves Group, Inc. & M. & T., Inc.". It has been changed to just Energy Reserves Group, Inc. as shown on this form.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED

Dean B. Barnes

TITLE

Dist. Prod. Engr.- RMD

DATE

5-11-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Energy Resource Group, Inc. + M&T, Inc. No. 1	660 FSL, 660 FWL, Sec. 14, T. 26 S., R. 9 E., SLM, Grand County, Utah	U-29634
<ol style="list-style-type: none"> 1. Stratigraphy and Potential Proposed test to TD of 8,000' will collar in the Oil and Gas Horizons. Navajo and test into the Leadville Fm. Definitive tops are estimated at 425' - Chinle; 2,550' - Hermosa; 4,150' - Paradox Fm; 7,350' - Molas; and 7,525' - Leadville Fm. Oil or gas may be commercial in Paradox, Molas, and Leadville formations. 2. Fresh Water Sands. Fresh water locally encountered in Navajo Sandstone (including Kayenta-Wingate sands). 3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) - Protect evaporites if encountered in the Paradox. 4. Possible Lost Circulation Zones. Possible to likely in Paradox; possible in Molas and Leadville. 5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Unknown. 6. Possible Abnormal Pressure Zones and Temperature Gradients. Abnormal pressures commonly encountered in the Paradox Formation; only normal to depth $\frac{1}{2}$ Temperatures are anticipated 7. Competency of Beds at Proposed Casing Setting Points. Probably adequate for needs. 8. Additional Logs or Samples Needed. APD logging program adequate for anticipated minerals. 9. References and Remarks USGS files, SLC, UTG 		
Date: 05-16-77		Signed: Donald C. Almond State Oil & Gas

ENERGY RESERVES

LEASE # U-29634

USGS- DENNIS

BLM - Rocky CURNITT

REP. ROSCO GILLESPIE

DIRT CONT. HOWARD LEACH

O	ENHANCES
	NO IMPACT
/	MINOR IMPACT
X	MAJOR IMPACT

		Construction				Pollution			Drilling Production				Transport Operations		Accidents		Other			
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
ENERGY RESERVES USA SUNBURST # 2 LEASE # U-29634 BWSW SEC. 14 265 19E USGS - DENNIS BLM - ROCKY CURNUTT REP. ROSCO GILLESPIE DIRT CNT. HOWARD LEACH																				
<div><input type="checkbox"/> 0 ENHANCES</div> <div><input type="checkbox"/> NO IMPACT</div> <div><input type="checkbox"/> / MINOR IMPACT</div> <div><input checked="" type="checkbox"/> X MAJOR IMPACT</div>																				
Land Use	Forestry	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Wilderness	N/A																		
	Agriculture	N/A																		
	Residential-Commercial	N/A																		
	Mineral Extraction	/	0	0					0						0					
	Recreation	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Scenic Views	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Parks, Reserves, Monuments	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Historical Sites	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Flora & Fauna	Unique Physical Features	N/A																		
	Birds	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Land Animals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Fish	N/A																		
	Endangered Species	N/A																		
	Trees, Grass, Etc.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Phy. Charact.	Surface Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Underground Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Air Quality	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Erosion	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Other																			
	Effect On Local Economy	/	/	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/	/
Safety & Health		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Others	Orig. file cc: Reg - Dennis BLM - [unclear] w/o matrix DOGM - [unclear]																		

Well No. & Location

1

SEC 14 SWSW 1, 26S R19E

GRAND COUNTY, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Energy Reserves

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 8000 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 155 FT. X 275 FT. AND A RESERVE PIT 100 FT. X 100 FT.

3) TO CONSTRUCT 300' FT. X 300' FT. ACCESS ROAD AND UPGRADE 9 FT.

X 1 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

THE SITE IS LOCATED IN THE DEADHORSE POINT RECREATION AREA - IN A RELATIVELY FLAT AREA SURROUNDED BY SMALL ROLLING HILLS - THE SOIL IS SANDY - FLORA CONSISTS OF A FEW JUNIPERS, NATIVE GRASS AND RABBIT BRUSH AND RUSSIAN THISTLE. FAUNA CONSISTS OF - RABBITS, GROUND SQUIRRELS, COYOTES, MICE AND OTHER RODENTS. BIRDS IN THE AREA ARE JAYS, HAWKS, LARKS AND AN OCCASIONAL EAGLE.

THE ACCESS ROAD WILL BE SKIM OUT TO A DEPTH OF APPROX. 2 TO 3 INCHES. RE SEEDING WILL BE DONE IN THE FALL ACCORDING TO B.L.M. RECOM. -

IN THE EVENT OF A PRODUCING WELL, PRODUCTION FACILITIES WILL BE PAINTED TO B.L.M. SPEC.

IF A DRY HOLE RESULTS - B.L.M. WOULD LIKE TO WAIVER THE DRY HOLE MARKER -

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) NO ALTERNATE LOCATION COULD BE FOUND THAT WOULD JUSTIFY THIS ACTION

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM R.V. ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

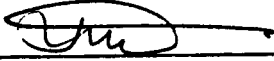
5) MINOR AND SHORT-TERM VISUAL IMPACTS.

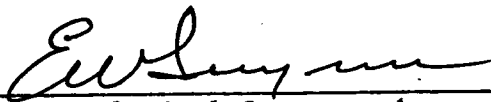
6)

6. Determination

(This requested action ~~(does)~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 5-5-77

Inspector 


U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

RECEIVED

AUG 1 1977

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator Energy Resources Corp. Inc. Representative Rosco Gillespie
Well No. Sunburst #1 Located SW 1/4 SW 1/4 Sec. 14 Twp 26S Range 19E SLB #M
Lease No. U-29634 Field w/c Brand G. State Utah

Unit Name and Required Depth _____ Base of fresh water sands _____

T.D. 8110' Size hole and Fill Per Sack 8 3/4" x 4 1/2" Mud Weight 11.6 #/gal. _____
8 3/4" to TD and Top _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>13 3/8</u>	<u>388</u>	<u>Sur</u>	<u>Bot Plug</u>	<u>400</u>	<u>300</u>	<u>9 5/8 x 13 ann at sur to 3-10'</u>
<u>9 5/8</u>	<u>4452</u>	<u>2210</u>	<u>None</u>	<u>*4500</u>	<u>4300'</u>	<u>Base 9 5/8</u>
				<u>*2400'</u>	<u>2250</u>	
Formation	Top	Base	Shows			
<u>Nirajo</u>	<u>Sur</u>					
<u>Chinle</u>	<u>675</u>					
<u>Moencopie</u>	<u>1032</u>					
<u>Cutler</u>	<u>1542</u>					
<u>Hermosa</u>	<u>2836</u>					
<u>Paradox</u>	<u>4395</u>					
<u>Salt</u>	<u>4443</u>					
<u>Samples</u>						
<u>Blackoil Zone</u>	<u>6220</u>	<u>6330</u>		<u>*6300</u>	<u>6100'</u>	<u>Adj. L. Log</u>
<u>Base Salt (Gru)</u>	<u>7676</u>	<u>7682</u>		<u>*7700</u>	<u>7700'</u>	<u>Adj. Log</u>
<u>Molas</u>	<u>Missing</u>			<u>*7800</u>	<u>7600'</u>	<u>per Bob H...</u>
<u>Leadville</u>	<u>7795</u>	<u>7894</u>				
<u>Miss Test</u>	<u>8110</u>					
T.D.	<u>8262</u>					

* Note: Salt Sat. Cont for Plugs Log
Remarks _____

DST's, lost circulation zones, water zones, etc. Lost Circ Drlg - 388 to 4100'
50 Bbls mud lost @ 3500' - Encased lost first wtr @ 7012' drlg
w/air - No DST - No Core - Contact Bcm Mech Log 8/16

rel. sh. requirements _____
Approved by F. H. Hume Date 8/11/77 Time 10:00 A.M. P.M.

cc: Ope w/Cond of Approval
USGS, Vernal
Bcm, Mech, w/Blanking Card & Cond of Approval

May 18, 1977

Energy Reserves Group, Inc.
P.O. Box 3280
Casper, Wyoming 82602

Re: Well No. USA Sunburst #1
Sec. 14, T. 26 S, R. 19 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30357.

Very truly yours,

CLEON B. FEIGHT
Director

7SW

PLEASE NOTIFY THIS DIVISION WITHIN 24 HRS. OF SPUDDING

July 15, 1977

Memo to File

Re: Energy Inc. and M&T Inc.
Sunburst #1
Big Flat Field
Sec. 14, T. 26 S., R. 19 E.
Grand County

This well is being drilled by Universal Drilling Company's Rig #1. At the time of the visit on July 13, 1977, total depth was 4,432 feet and preparations were being made to run surface casing.

A safety inspection was given to the rig and only a few minor deficiencies were noted.



PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/src

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other Instructions
reverse side)TE
re-Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Utah - 29634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Sunburst

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 14-T26S-R19E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3280, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FSL & 660' FWL (SW SW ¼)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

GRD - 6,109' ; KB - 6,129'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Well History

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12-1/4" hole to 4,452' (KB) & ran logs. Ran 107 jts., 4,461' (Net), 9-5/8" OD, 8RTH, K-55, R-3, SS, ST&C, new 36# & 40# casing set at 4,452' (KB). Cemented w/325 sx. of Class "B" cement w/1/4# Flocele per sx. and 18% salt. Plug down at 6:15 p.m., 7-12-77. Good returns throughout job. Top of cement at 2,210'. Nippled up and pressure tested 9-5/8" casing to 1,500 psi; Hydril to 1,000 psi; pipe rams and manifold to 2,000 psi. Held OK. Drilled out shoe and to 4,460' w/8-3/4" bit. Tested casing seat to 1,200 psi using salt brine. Held OK. Status at 7:00 a.m., 7-19-77, tripping for survey instrument at 5,616'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Healy B. Barner

TITLE

District Production Engr.

DATE

7/19/77

Rocky Mountain District

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIBAL STATE
(Other instructions on reverse side)Form approved,
Budget Bureau No. 42 R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Utah - 29634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

JUL 5 1977

3. ADDRESS OF OPERATOR

P. O. Box 3280, Casper, WY 82602 RMD CASPER

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface660' FSL & 660' FWL (SW SW $\frac{1}{4}$)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA - Sunburst

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 14-T26S-R19E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GRD - 6,109'; K.B. - 6,129'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

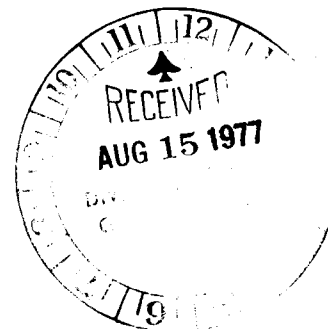
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above described well was spudded at 8:30 P.M., 6-7-77.
Drilled 17 $\frac{1}{2}$ " hole to 388'. Ran 10 jts. 369' (net). 13-3/8" OD, 48#, H-40, R-3, SS, ST&C, new casing. Set at 388' (K.B.). Cemented w/435 sx. of Class "F" cement w/3% CaCl₂ and 1/2# flocele per sx. Good cement returns. Plug down at 8:30 A.M., 6-9-77.
Nippled up and pressure tested 13-3/8" OD casing and BOPE to 600 psi. Held O.K.. Drilled out w/12 $\frac{1}{4}$ " bit after 36 hours \pm .



18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

ACCEPTED IN LIEU OF FORM 9-329

CONTRIBUTORS OF APPROVAL, IF ANY

CONSERVATION DIVISION

SALT LAKE CITY, UTAH

JUN 20 1977

(Date)

TITLE Operations Supt. - Drlg. DATE 6-13-77

TITLE

DATE

*See Instructions on Reverse Side

CIRCULATE TO:

DIRECTOR ☐
PETROLEUM ENGINEER ☐
MINE COORDINATOR ☐
ADMINISTRATIVE ASSISTANT ☐
ALL ☒
RETURN TO Kathy D.
FOR FILING

August 15, 1977

Memo To File:

Re: Energy Reserves Inc.
Sunburst #1
Sec. 14, T. 26 S., R. 19 E.
Grand County, Utah

Energy Reserves called on August 12, 1977 and requested permission to Plug and abandon the above well.

Pertinent information is:

Total Depth	8,110'
Surface Casing	9 5/8" at 4,452'

Tops:

Surface	Navajo
675'	Chinle
1,032'	Moenkopi
1,542'	Cutler
2,836'	Hermosa
4,395'	Paradox
4,443'	Salt

The well will be plugged by putting 80 sacks at the base of the Salt, 7,850' and 80 sacks from 6,300 - 6,100'. An 80 sack plug will be placed half-in and half-out at the base of the 9 5/8" and 10 sacks will be set at the surface with a regulation dry hole marker.

Patrick L. Driscoll
PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/ksw

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH - 29634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Sunburst

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 14-T26S-R19E

12. COUNTY OR PARISH

Grand

Utah

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole	
2. NAME OF OPERATOR Energy Reserves Group, Inc.	
3. ADDRESS OF OPERATOR P. O. Box 3280 Casper, WY 82602	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL & 660' FWL (SW SW$\frac{1}{4}$)	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GRD 6109'; KB 6129'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-3/4" hole was drilled to 8,262' (K.B.); 13-3/8" casing was set at 388' (K.B.)
9-5/8" casing was set at 4,452' (K.B.) None of the casing was recovered.
The following salt-saturated cement plugs were set 8-17-77:

- 1) 7,900' to 7,600' w/120 sx. cement
- 2) 6,300' to 6,100' w/80 sx. cement
- 3) 4,500' to 4,300' w/80 sx. cement
- 4) 2,400' to 2,250' w/60 sx. cement
- 5) 400' to 300' (in 9-5/8" casing.) w/40 sx. cement
- 6) 400' to 300' (9-5/8" - 13-3/8" annulus) w/40 sx. cement
- 7) 10 sx. in 9-5/8" casing w/dry hole marker
- 8) 10 sx. between 9-5/8" and 13-3/8".

The rig will be moved off soon; the reserve pit completely fenced and allowed to dry. As soon as the reserve pit has been filled and rehabilitation done per BLM instructions, your office will be notified.

18. I hereby certify that the foregoing is true and correct

SIGNED

Lowell C. Billigan

TITLE Operations Supt. - Drilling

DATE 8-18-77

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR. DATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah - 29634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Sunburst

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 14-T26S-R19E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1.

OIL ☐ GAS ☐ OTHER ☒ Dry Hole

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3280 Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

660' FSL & 660' FWL (SW SW $\frac{1}{4}$)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

GRD 6209'; KB 6129'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

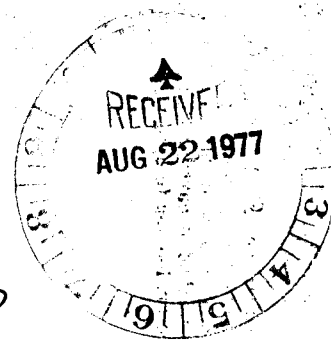
The above described well was drilled to a T.D. of 8262'; 8-3/4" hole. No cores or DST's were taken. No significant oil or gas shows were encountered. 13-3/8" casing was set at 388'; 9-5/8" casing was set at 4452'. Energy Reserves Group, Inc. will not attempt to recover any of the casing from the hole. Permission is requested to plug and abandon as follows per telephone conversation between Mr. Ed Gwynn and Roscoe Gillespie on 8-11-77.

- 1) 7900' to 7600' w/120 sx. of cement
- 2) 6300' to 6100' w/80 sx. of cement
- 3) 4500' to 4300' w/80 sx. of cement
- 4) 2400' to 2250' w/60 sx. of cement
- 5) 400' to 300' (in 9-5/8" csg.) w/40 sx. of cement
- 6) 400' to 300' (9-5/8" - 13-3/8" annulus) w/40 sx. cement
- 7) 10 sx. in 9-5/8" casing w/dry hole marker
- 8) 10 sx. between 9-5/8" and 13-3/8".

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: August 22, 1977

BY: P. H. Russell



18. I hereby certify that the foregoing is true and correct

SIGNED

Roscoe C. Gillespie

TITLE Operations Supt.- Drlg.

DATE 8-18-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>P & A</u>
2. NAME OF OPERATOR <u>Energy Reserves Group, Inc.</u>						5. LEASE DESIGNATION AND SERIAL NO. <u>UTAH - 29634</u>	
3. ADDRESS OF OPERATOR <u>P. O. Box 3280, Casper, WY 82602</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>660' FSL & 660' FWL (SW SW$\frac{1}{4}$)</u> At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME <u>USA Sunburst</u>	
DATE ISSUED <u>AUG 22 1977</u>						9. WELL NO. <u>1</u>	
10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 14-T26S-R19E</u>	
12. COUNTY OR PARISH <u>Grand</u>						13. STATE <u>Utah</u>	
15. DATE SPUDDED <u>6-7-77</u>		16. DATE T.D. REACHED <u>8-16-77</u>		17. DATE COMPL. (Ready to prod.) <u>8-17-77 P&A</u>		18. ELEVATIONS (DF, REF. PT., OR, ETC.)* <u>GR 6209' KB 6129'</u>	
19. ELEV. CASINGHEAD <u>--</u>		20. TOTAL DEPTH, MD & TVD <u>8,262'</u>		21. PLUG, BACK T.D., MD & TVD <u>P&A</u>		22. IF MULTIPLE COMPL., HOW MANY* <u>--</u>	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>P&A</u>						24. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
25. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIL; BHC-Sonic-GR; FDC-CNL-GR; HDT (Dipmeter)</u>						26. WAS WELL CORED <u>No</u>	
27. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#		388' (KB)		17 1/2"	
9-5/8"		36# & 40#		4452' (KB)		12 1/2"	
CEMENTING RECORD		AMOUNT PULLED					
435 Sx.		None					
325 Sx.		None					
28. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
29. PERFORATION RECORD (Interval, size and number) <u>P&A</u>							
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
31. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) <u>P&A</u>	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
32. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST WITNESSED BY							
33. LIST OF ATTACHMENTS <u>Final prints of logs will be distributed by Schlumberger</u>							
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Rocco C. Billigan</u>				TITLE <u>Operations Supt. - Drlg.</u> DATE <u>8-19-77</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No Cores or Drill Stem Tests were taken.				Navajo	Surface	
The following salt-saturated cement plugs were set 7-17-77:				Chinle	675'	
1) 7,900' - 7,600' w/120 sx.				Moenkopi	1,032'	
2) 6,300' - 6,100' w/80 sx.				Cutler	1,542'	
3) 4,500' - 4,300' w/80 sx.				Hermosa	2,836'	
4) 2,400' - 2,250' w/60 sx.				Paradox Fm.	4,395'	
5) 400' - 300' (in 9-5/8" csg.) w/40 sx.				Paradox Salt	4,443'	
6) 400' - 300' (in 9-5/8" casing w/dry hole marker.				Base salt or Cane Creek	7,667'	
7) 10 sx. in 9-5/8" casing between 9-5/8" and 13-3/8" casing.				Leadville	7,890'	
8) 10 sx. between 9-5/8" and 13-3/8" casing.				T.D.	8,262'	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

P

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number USA Sunburst #1

Operator Energy Reserves Group, Inc.

Address P. O. Box 3280, Casper, WY 82602

Contractor Universal Drilling Co.

Address Suite 970, 1050 Seventeenth St., Denver, CO 80202

Location SW 1/4 SW 1/4; Sec. 14 ; T. 26 S; R. 19 E; Grand County

Water Sands: No water flows encountered while drilling.

	Depth:	Volume:	Quality:
	From - To -	Flow Rate or Head -	Fresh or Salty -
1.			
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops: See reverse side for electric log tops.

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

Log Tops:

Navajo	-	Surface
Chinle	-	675'
Moenkopi	-	1,032'
Cutler	-	1,542'
Hermosa	-	2,836'
Paradox Fm.	-	4,395'
Paradox Salt	-	4,443'
Base Salt or Cane Creek	-	7,667'
Leadville	-	7,890'
T.D.	-	8,262'